

AMENDMENTS TO THE CLAIMS:

Claims 2-3, 6-10 are amended. The following is the status of the claims of the above-captioned application, as amended.

Claim 1.(Original) A method for detecting lipolytic enzyme or amidase activity in a sample, comprising the steps of:

- a) incubating the sample with a substrate having one or two polyunsaturated fatty acyl groups linked through amide or ester bond(s) to allow hydrolysis of the amide or ester bond(s),
- b) simultaneously or subsequently incubating the sample with a lipoxygenase to allow formation of a hydroperoxide of the polyunsaturated acid, and
- c) detecting the formation of the hydroperoxide.

Claim 2. (Currently amended) The method of the ~~preceding claim~~claim 1 wherein the polyunsaturated fatty acyl group is linoleoyl (18:2).

Claim 3. (Currently amended) The method of claim 1 ~~or 2~~ wherein the substrate is a polar lipid.

Claim 4. (Original) The method of claim 3 wherein the substrate is a galactolipid, particularly digalactosyl diglyceride (DGDG) or monogalactosyl diglyceride (MGDG).

Claim 5. (Original) The method of claim 3 wherein the substrate is a phospholipid, particularly lecithin, L- α -phosphatidylcholine; dilinoleoyl-phosphatidylcholine.

Claim 6. (Currently amended) The method of claim 1 ~~or 2~~ wherein the substrate is a sterol ester, particularly cholesterol linoleate.

Claim 7. (Currently amended) The method of claim 1 ~~or 2~~ wherein the substrate is a wax ester, particularly arachidyl linoleate

Claim 8. (Currently amended) The method of claim 1 ~~or 2~~ wherein the substrate is a monoester, particularly 1,3-dibutyl-2-linoleyl glycerol, 2,3-dibutyl-1-linoleoyl-glycerol or linoleic acid isopropyl ester.

Claim 9. (Currently amended) The method of claim 1 or 2 wherein the substrate is an aryl ester, particularly linoleic acid phenyl ester.

Claim 10. (Currently amended) The method of claim 1 or 2 wherein the substrate is a mono- or diamide, particularly 1,6-diaminohexane linoleic acid diamide.

Claim 11. (Original) A method of detecting lipolytic enzyme or amidase activity in a test sample, comprising the sequential steps of:

- a) incubating the sample with a lipoxygenase and a substrate having one or more polyunsaturated fatty acyl groups linked through amide or ester bonds, to allow formation of a hydroperoxide of the polyunsaturated acid,
- b) incubating with a ferrous salt and xylenol orange to allow color generation, and
- c) detecting color generation.